**YODA Project # 2015-0587**

**Objective:** To use marginal structural Cox proportional hazards models with inverse probability weighting to reanalyze the primary (time to culture conversion) and secondary (WHO treatment outcome) efficacy end points for NCT00449644, the Phase IIb bedaquiline trial.

**Methods Used:** The analysis required first replicating the results published in Diacon AH et al. *N Engl J Med.* 2014 Aug 21;371(8):723–32. The Data Holder was not able to share some key derived variables reported in the NEJM paper to enable replication of the original findings, namely the ITT, mITT, and per-protocol populations, 2-month culture conversion, and WHO treatment outcome. Without these variables, the proposed analysis applying marginal structural models with inverse probability weighting could not be performed.

**Results:** None

**Conclusions:** N/A